17" (16.0" VIS) Design Line Real Flat monitor

107C53

Dare to compare - LightFrame™3 for the sharpest and brightest displays ever !

- *LightFrame™3 - 2 x Normal Brightness*
- *17-inch (16.0" VIS) Real Flat color monitor with excellent front of screen performance for use with MACs and PCs*
- *Autoscan covers horizontal frequencies up to 71 kHz offering a maximum resolution of 1280 x 1024 with flicker free display of 1024 x 768 at up to 89 Hz*
- *Real Flat High Brightness, High Contrast CRT with high-resolution 0.25 mm dot pitch (0.21 hdp)*
- *World's shortest 17-inch Real Flat monitor with maximum depth of only 424 mm/16.7"*
- *TCO '03 certified*

LightFrame™

PHILIPS

17" (16.0" VIS) Desigh Line Real Flat monitor

107C₅₃

Technical Specifications

CRT panel
- Size (inch/cm) — 17"/ 41 cm
- Deflection angle (degrees) — 90°
- Dot pitch — 0.25 mm
- Horizontal pitch — 0.21 mm
  - Tube type — Shadow mask, Real Flat, High Brightness, High Contrast, Anti Glare, Anti Static, Anti reflection, Light Transmission 45%
- Phosphor — P22
- Recom. display area(mm) — 306 x 230 mm
- Recom. display area(inch) — 12.0" x 9.0"
- Max. display area(mm) — 325 x 244 mm
- Max. display area(inch) — 12.8" x 9.6"

Scanning
- Horizontal scanning — 30 - 71 kHz
- Vertical scanning — 50 - 160 Hz

Video
- Video dot rate — 120 MHz
- Input impedance
  - Video — 75 Ohm
  - Sync — 2.2k Ohm
- Input signal levels — 0.7 Vpp
- Sync input signal — Separate sync / Composite sync
- Sync polarities — Positive and negative

White color temperature
Chromaticity CIE coordinates
- at 9300 K: — x=0.283, y=0.297
- at 6500 K: — x=0.313, y=0.329

Resolution & preset modes
- Max. resolution — 1280 x 1024
- Recom. resolution — 1024 x 768
- 8 user definable modes
- 14 factory preset modes

	H.freq (KHz)	V.freq (Hz)
640 x 350	31.5K	70
640 x 350	37.9K	85
640 x 480	37.9K	72
640 x 480	37.5K	75
640 x 480	50.6K	100
720 x 400	37.9K	85
800 x 600	37.9K	60
800 x 600	48.1K	72
800 x 600	63.9K	100
832 x 624	49.7K	75
1024 x 768	48.4K	60
1024 x 768	56.5K	70
1152 x 864	67.5K	75
1280 x 1024	64.0K	60

Plug and play compatibility
- Display Data Channel DDC 2B (VESA)
- Microsoft® Windows® 95/98/Me & 2000/NT/XP compatible
- sRGB

Power management
Complies with EPA Energy Star and NUTEK specifications
- Operation — 68 W (typical)
- Off mode/Deep Sleep — < 1 W

Low-emission characteristics
- Complies with MPR-II and TCO '03 specifications

Monitor controls and functions
- Main — 3-button OSD with LightFrame™ Hotkey / Brightness +/- direct access / Contrast+/- direct access
- On Screen Display — Language (English, Spanish, French, German, Italian, Chinese, Portuguese, Korean), zoom, horizontal, vertical, pincushion, balanced, trapezoid, paral lelogram, color, reset, degauss, moire, serial number, resolution, frequency, sRGB
- LightFrame™3 — For improving the picture display of multi media content such as photos, videos and games. Will boost brightness and sharpness performance on user selected areas/ windows on the screen. With automatic detection of graphical content in Internet Explorer for the web browsing. Can process up to 16 images simultaneously. One-button full screen mode. Advanced user adjustments via Windows control panel. Easy to use control software for Windows 98,Me. XP and 2000. Software in English, French, German, Spanish, Italian, Portuguese, Dutch, Chinese and Korean

Connections and cables
- Connections on monitor body
  - Video — 15-pin D-sub
- Cables — D-Sub Video cable(fixed), power cord

Regulatory approvals
- TCO '03
- MPR-II Low Emission
- TÜV/GS, TÜV/Ergo
- FCC-B, UL, CSA, DHHS
- SEMKO, Poland-B sign, C-Tick
- CE, BSMI, PSB
- NUTEK, Energy Star

Physical specifications
- Dim. incl. base (WxHxD) — 397 x 405 x 424 mm
- Dim. incl. base (WxHxD) — 15.6" x 15.9" x 16.7" inch
- Dim. excl. base (WxHxD) — 397 x 333 x 424 mm
- Dim. excl. base (WxHxD) — 15.6" x 13.1" x 16.7" inch
- Weight — 15.8 kg
- Power supply — Please refer to rating label
- Temperature (operational) — 0°C to 40°C/ 32°F to 104° F
- Temperature (storage) — -25°C to 65°C/ -13°F to 149°F
- Relative humidity — 5% to 95%
- MTBF — > 75,000 H

As an Energy Star partner, Philips has determined that this product meets the Energy Star guidelines for energy efficiency. Microsoft and Windows are registered trademarks of Microsoft Corporation.
MacOS is a registered trademark of Apple Computer, Inc.

All data subject to change without notice
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